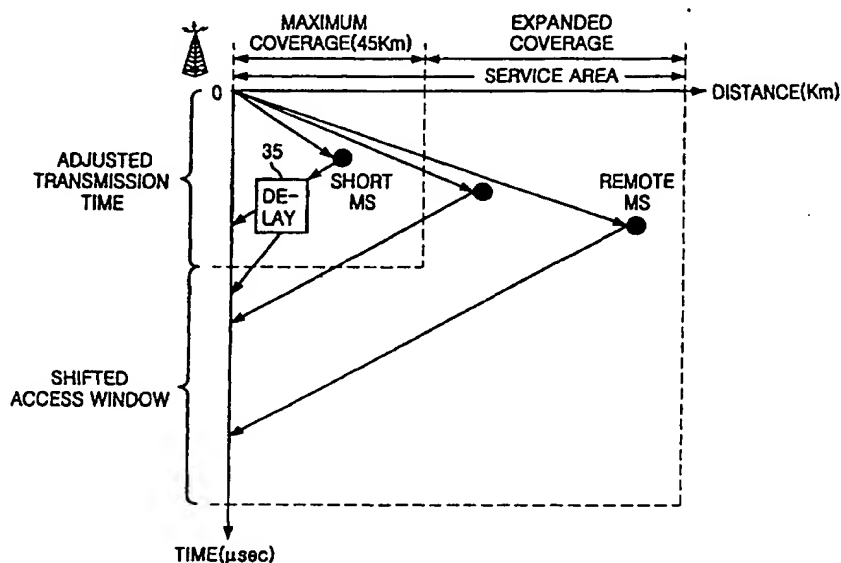




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(54) Title: METHOD AND APPARATUS FOR EXPANDING CELL COVERAGE IN MOBILE COMMUNICATION SYSTEM



(57) Abstract

A method, apparatus and storage mediums executed by a computer and storing the method, for expanding cell coverage in mobile communication system is disclosed. The method comprises the steps of: a) shifting a preamble window by delaying a transmission signal in order to catch a first call access signal from a mobile station at a remote distance; and b) delaying a second call access signal from a mobile station at a short distance in order to catch the second call access signal.

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